

Title (en)  
DEFOAMING METHOD

Publication  
**EP 0264690 A3 19900131 (DE)**

Application  
**EP 87114401 A 19871002**

Priority  
DE 3635713 A 19861021

Abstract (en)  
[origin: US4818377A] A defrothing apparatus whose inlet opening of the foamed liquid contained in a foam duct of a primary flotation apparatus is provided in the bottom of the foam duct. Starting from the lower area of the defrothing apparatus, a rotary flow (potential vortex) is generated in the apparatus by a recirculated liquid quantity from a secondary flotation apparatus. In the core of the rotary flow the gas quantity (air) is collected and removed through a removal pipe. Consequently, the foamed liquid from the foam duct of the primary flotation stage which is pumped to the secondary flotation stage contains small shares of gas relative to the total quantity of liquid, thereby allowing the pump to be optimally sized of efficiency and better control of the system.

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**B03D 1/14**

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
• [A] US 2765867 A 19561009 - REVALLIER LEONARDUS J, et al  
• [A] FR 1084313 A 19550118 - STAMICARBON  
• [A] DE 687966 C 19400209 - AMAG HILPERT PEGNITZHUETTE AKT

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